



# DEPARTMENT OF THE AIR FORCE

28TH MEDICAL GROUP (ACC)  
ELLSWORTH AIR FORCE BASE, SOUTH DAKOTA

3 February 2015

## MEMORANDUM FOR RECORD

FROM: 28 MDOS/SGOJ

SUBJECT: August 2014 Compliance Water Monitoring Results

1. During the month of August 2014, Bioenvironmental Engineering (BE) collected 23 samples from state approved sites and 16 additional samples. Sampling is performed each month based on monitoring frequency requirements outlined in AFI 48-144, *Drinking Water Surveillance Program*, Para 4.1., and South Dakota Department of Environmental and Natural Resources (SD DENR) guidance. Below is a summary of samples collected in the month of August.

Site	Chlorine	pH	Bacteriological	Fecal
Bldg. 7251, Control Room	0.2	7.2	Absent	Absent
Bldg. 477, Roosevelt Drive	0.6	7.1	Absent	Absent
Bldg. 7925, BW HQ	0.3	7.3	Absent	Absent
Bldg. 7430, ALS	0.7	7.2	Absent	Absent
Bldg. 1011, Drug Demand (Urinalysis)	0.3	7.8	Absent	Absent
Bldg. 132, Maple Drive	0.2	7.7	Present	Present
Bldg. 132, Maple Drive	0.4	7.2	Present	Present
Bldg. 142, Maple Drive	0.3	7.2	Present	Present
Bldg. 122, Maple Drive	0.6	7.4	Absent	Absent
Bldg. 4610, Auto Hobby	0.4	7.4	Absent	Absent
Bldg. 2818, Visitor Center	0.5	7.4	Absent	Absent
Bldg. 273, Vine Drive	0.4	7.2	Absent	Absent
Bldg. 132, Maple Drive	0.3	7.2	Absent	Absent
Bldg. 144, Maple Drive	0.2	7.6	Absent	Absent
Bldg. 142, Maple Drive	0.6	7.9	Absent	Absent
Bldg. 146, Maple Drive	0.5	7.8	Absent	Absent
Bldg. 140, Maple Drive	0.6	7.4	Absent	Absent
Bldg. 130, Maple Drive	0.4	7.6	Absent	Absent
Bldg. 114, Maple Drive	0.2	7.4	Absent	Absent
Bldg. 412, Cleveland Drive	0.4	7.4	Absent	Absent
Bldg. 229, Vine Drive	0.3	7.2	Absent	Absent
Bldg. 136, Maple Drive	0.5	7.6	Absent	Absent
Bldg. 7925, BW HQ	0.3	7.6	Absent	Absent
Bldg. 2106, Bandit Inn	0.3	7.6	Absent	Absent
Bldg. 8003, CDC	0.4	7.3	Absent	Absent
Bldg. 1011, Drug Demand (Urinalysis)	0.5	7.6	Absent	Absent
Bldg. 7251, Control Room	0.3	7.4	Absent	Absent
Bldg. 7501, Base Ops.	0.16	7.6	Absent	Absent
Bldg. 6000, Hospital	0.4	7.5	Absent	Absent

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Bldg. 88240, MUNS Armament	0.4	7.7	Absent	Absent
Bldg. 7430, ALS	0.4	7.4	Absent	Absent
Bldg. 8210, CE	0.3	7.4	Absent	Absent
Bldg. 923, Pump House	0.8	7.5	Absent	Absent
Bldg. 1176, Beadle Court	0.4	7.3	Absent	Absent
Bldg. 328, Sacajawea Court	0.6	7.5	Absent	Absent
Bldg. 8003, CDC	0.4	7.4	Absent	Absent
Bldg. 102, Trans Bldg. (Vehicle Maint.)	0.3	7.4	Absent	Absent
Bldg. 7712, Youth Center	0.2	7.6	Absent	Absent
Bldg. 88240, MUNS Armament	0.2	7.6	Absent	Absent

2. Drinking water standards set by the Environmental Protection Agency (EPA) and SD DENR, prescribe acceptable levels of chlorine and pH within a water system. Chlorine residual is maintained between 0.1-2.0 mg/L and pH at levels between 6.5 and 8.5.

3. In this report a portion of the sampling sites were reported positive. BE accomplished all required actions per SD DENR and the system is deemed "safe" for consumption. Please contact BE at 385-3172 with any questions.



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